

FILE COPY

HAMMERMILL PAPER COMPANY

July 12, 1963

Mr. Clayton E. Schulze, General Manager
American Chloride Company
1952 Zimmerly Road
Erie, Pennsylvania

Dear Clayton:

Thanks for your letter of July 9 and enclosures.

In proceeding with this deep well disposal proposition we had very much in mind the theoretical possibility of the migration of the discharge effluent from the Bass Island horizon to any other stratum. The possibility of any such migration, however, was, in the opinion of geologists, eliminated by the findings of the evaluation well especially the pressure in the Bass Island Limestone.

I think you and your people would be very much interested to go over some of the material which we have in regard to the well which is the subject of the application to the Sanitary Water Board. A great deal of this material was attached to our application and also discussed with the State Geologist. Why don't you call me and set up a date to discuss the whole matter? I should be glad for you to meet our technical personnel who are involved so that you and your associates feel free to carry on any discussions with them directly.

Best personal regards.

Sincerely,

MEG/upk

AR101971

#1 WELL

Hammermill
WASTE DISPOSAL WELL #2

APPLICATION NO. 36515 IV

COMMONWEALTH OF PENNSYLVANIA
SANITARY WATER BOARD
SECRETARY OF HEALTH, CHAIRMAN

RECEIVED

MAR 22 1965

REGION III

APPLICATION RELATIVE TO TREATMENT OR DISCHARGE OF INDUSTRIAL WASTES

March 19, 1965

(Date)

From Hammermill Paper Company
(Name of Copartnership, Association, Private Corporation or "Person")

Project is located in City of Erie in Erie County
(Name of Municipality or Township)

To the Sanitary Water Board,
Secretary of Health, Chairman,
Harrisburg, Pennsylvania.

A CHECK DRAWN TO THE ORDER OF "COMMON-
WEALTH OF PENNSYLVANIA--DEPARTMENT OF
HEALTH" FOR TWENTY-FIVE DOLLARS MUST
BE ATTACHED HERETO AS A FEE.

Gentlemen:

In accordance with the provisions of the Administrative Code approved April 9, 1929, P. L. 177, and the amendments thereto and with Act 394, approved June 22, 1937, P. L. 1937-as amended by Act 177, approved May 8, 1946, P. L. 435.

Hammermill Paper Company

(Name of Copartnership, Association, Private Corporation or "Person")

having principal office at East Lake Road, Erie, Pennsylvania

(Post Office address)

and operating a Pulp and Paper Mill

(Kind of establishment)

in City of Erie in Erie County
(Name of Municipality or Township)

RECEIVED

MAR 25 1965

REGION III

in the Commonwealth of Pennsylvania, hereby make application for the issuance of a permit for disposal into the Bass Island limestone horizon, Cambrian formation, (Describe briefly the industrial waste project for which this application is made, telling in a few words what the accompanying plans and reports show in detail and underlying metamorphics, of industrial pulping wastes by injection well. If untreated or treated industrial wastes are to be discharged into the waters of the Commonwealth, application for permission so to do must be made thereof after pre-treatment into a well which has been specially drilled herein. If the application involves the discharge of treated or untreated industrial wastes to the waters of the Commonwealth, then the said report for evaluation of this horizon and specially constructed for disposal must include evidence satisfactory to the Sanitary Water Board that the discharge to the waters of the Commonwealth, for which the applicant seeks a permit, is not or will not become injurious to the public health, or to animal or aquatic life or to the use of such waters for domestic or industrial consumption or for recreation.)

jection horizons will permit continuous inject. at present the balance of applicant's pulping waste. (2) ... commercially usable resource in the strata or elsewhere will be affected, and (3) the impermeability of the strata vertically adjoining the Bass Island formation and Cambrian formation, and the construction of the well will prevent vertical migration of the injected waste into other strata as described in the attached report entitled "Proposed Disposal of Pulping Wastes into Hammermill No. 2" dated February 16, 1964 and as further described in a previously submitted report entitled "Proposed Disposal of Pulping Wastes by Deep Well Injection" dated June 10, 1963

as is more fully shown on the accompanying properly identified copies of plans and surveys prepared by K. C. Neuenfeldt, chief engineer, Hammermill Paper Company,
(Name of Engineer)
and in the report thereon prepared by K. C. Neuenfeldt, chief engineer, Hammermill Paper Company
(Name of Engineer)
all of which are made part of this application.

Donald T. Jackson

(Name)

Vice President

(Title)

P. O. Box 1440, Erie, Pa. 16512

(Post Office address for further correspondence)

(SEAL)

Note: The Application, all plans, report, and other supporting data must be submitted in DUPLICATE.

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF

} SS:

I, Donald T. Jackson, being duly sworn according to law, depose and say that I (am the applicant) (am an officer or official of the applicant) (have the authority to make this application) and that the plans, reports, and documents submitted as part of the application are true and correct to the best of my knowledge and belief.

Donald T. Jackson

(Signature)

Sworn and subscribed to before me this

19th day of March 19 65

James H. [Signature]
(Notary Public)

My Commission Expires

Inapplicable portions should be crossed out.

AR101973

RELEVANT STATE LAWS

EXCERPTS—From Act 304, approved June 22, 1937, P. L. 1937, as amended by Act 177, approved May 8, 1945, P. L. 435.

Article I, Section 1.

"'Industrial waste' shall be construed to mean any liquid, gaseous, or solid substance, not sewage, resulting from any manufacturing or industry, or from any establishment, as herein defined, which causes pollution, as hereinafter defined, and silt, coal mine solids, rocks, debris, dirt and clay from coal mines, coal collieries, breakers or other coal processing operations.

"'Waters of the Commonwealth' shall be construed to include any and all rivers, streams, creeks, rivulets, lakes, dammed water, ponds, springs, and all other bodies of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth."

Article I, Section 3.

"Discharge of Sewage and Industrial Wastes Not a Natural Use.—The discharge of sewage or industrial waste or any noxious and deleterious substances into the waters of this Commonwealth, which is or may become inimical and injurious to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, is hereby declared not to be a reasonable or natural use of such waters, to be against public policy and to be a public nuisance."

Article III, Section 307.

"Regulation of Establishments Erected or Opened or Reopened in the Future.—No person shall hereafter erect, construct or open, or reopen or operate, any establishment which, in its operation, results in the discharge of industrial wastes which would flow or be discharged into any of the waters of the Commonwealth and thereby cause a pollution of the same, unless such person shall first provide proper and adequate treatment works for the treatment of such industrial wastes, approved by the board, so that if and when flowing or discharged into the waters of the Commonwealth the effluent thereof shall not be inimical or injurious to the public health or to animal or aquatic life, or prevent the use of water for domestic, industrial or recreational purposes, except when, in the opinion of the board, such industrial waste is not inimical or injurious to the public health or to animal or aquatic life, or to the use of the water for domestic, industrial or recreational purposes, and shall grant a permit for the discharge of such industrial waste into the waters of the Commonwealth. But no permit shall ever be issued by the board authorizing the discharge of untreated industrial waste into the clean waters of the State as above defined. Public notice of every application for a permit under this section shall be given by notice published in a newspaper of general circulation, published in the county where the permit is applied for, once a week for four weeks. But any such permit shall be revocable or subject to modification and change by the board at any time thereafter upon reasonable notice, served personally or by registered mail addressed to the last known post-office address of the holder of the permit, and the owner or operator of such establishment may be required to install treatment works, approved by the board, for the treatment of such industrial waste, or for the deposition of solids in such industrial waste in the manner and to the extent as the board may require. The discharge of industrial waste into any of the waters of the Commonwealth from any such establishment contrary to the provisions of this section, or without a permit, or after the time fixed in the notice of the board when a permit is revoked, or in violation of any modification thereof, is hereby declared to be a nuisance and to be punishable and abatable as herein provided."

Article III, Section 308.

"Approval of Plans, Designs, and Relevant Data by the Sanitary Water Board.—All plans, designs, and relevant data for the erection and construction of treatment works by any person for the treatment of industrial wastes shall be submitted to the board for its approval before the works are constructed or erected. Any such construction or erection which has not been approved by the board by written permit, or any treatment works not maintained or operated in accordance with the rules and regulations of the board, is hereby declared a nuisance and to be punishable and abatable as herein provided."

RESOLUTION OF THE SANITARY WATER BOARD

RELATIVE TO FEES:—(Revision February 16, 1944)

"THEREFORE BE IT RESOLVED, That this Board hereby amends the aforesaid resolutions to read as follows:"

"WHEREAS, Section 609 of Act No. 894, approved June 22, 1937, P. L. 1987, authorizes the Sanitary Water Board 'to fix and collect from persons and municipalities a reasonable filing fee for applications filed and for permits issued'; now

"THEREFORE BE IT RESOLVED, That effective April 1, 1944, the Board pursuant to the aforesaid authority, hereby fixes a fee of \$25.00 for receiving and filing, examining, passing upon, and issuing to the applicant notice of the Board's action thereon; a check for which \$25.00 made payable to the Pennsylvania Department of Health shall accompany each application for a permit under said Act; provided, however, that no fee shall be required from branches of the government of the United States of America or of the Commonwealth of Pennsylvania."

BUREAU OF SANITARY ENGINEERING

OFFICE RECORD

APPLICATION: No. _____ Attested _____ Rec'd _____

For _____

PLANS: Number of _____ Rec'd _____

Serial No. _____

ASSIGNED TO _____ Date _____ Field Ins'p _____

REPORT BY _____ Dated _____ Rec'd _____

ENGRS. STUDY NO. _____ Dated _____ By _____

APPROVED: Chief Engineer _____

Secretary of Health _____

SUBMITTED TO SANITARY WATER BOARD _____

PERMIT: Authorized by Sanitary Water Board _____ Dated _____

Sent to _____ Date _____

REMARKS _____